

Date: Sat, 1 Oct 94 09:51:48 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: List  
Subject: Info-Hams Digest V94 #1082  
To: Info-Hams

Info-Hams Digest                      Sat, 1 Oct 94                      Volume 94 : Issue 1082

Today's Topics:

                    900 Mhz phone questions ...  
            ARLB076 New ITU Radiocommunication Director  
            ARLP040 Propagation de KT7H  
            Courtesy In Amateur Radio  
    Daily Summary of Solar Geophysical Activity for 29 September  
            IPS Daily Report - 30 September 94  
            Radio Shack Violation (2 msgs)  
            Summary: Shops in NYC and Boston  
            The Hamblaster  
            What does all call signs have been issued?  
            Yaesu 5200- How do u like?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Fri, 30 Sep 94 10:12:33 PDT  
From: sgross@enet.net  
Subject: 900 Mhz phone questions ...

In article <36ckud\$qr@nntp1.u.washington.edu>, <aalto@u.washington.edu>  
writes:

> Subject: 900 Mhz phone questions ...

> I just got a new AT&T digital cordless 900Mhz phone, and although it  
> is indeed an improvement over my old cordless, I need more range.>  
> 1) Get a phone with higher output. The phone I have is at the FCC Max, but  
> could I get a higher output phone

>  
> 2) Get a good 900Mhz antenna for the base unit  
> 3) Buy or make a 900Mhz amplifier for the base unit. Are these or the  
> plans for them available ??  
>  
>  
> Are there any other options I should consider? Ideally, I'd like about  
> two miles of range on a phone that costs less than \$500.

>>  
>>  
>>  
>>  
>>  
>>

All of the options you mentioned are not practical and may be  
in violation of FCC rules.

In my opinion, you would still be better off with a cellular phone.  
Some of the cell phone companies offer a service that will forward  
your call to the cellphone if you do not answer your home phone and  
also forward your cellphone to your home if you do not answer it  
after a predetermined amount of rings.

I have a Tropez 900Mhz cordless phone and its range is about 1/2 mile  
for a full quieting noise free signal. It's by far the best of the  
units I have checked out and it includes digital encryption.

Best regards-

-steve

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Date: Fri, 30 Sep 1994 17:48:42 EDT  
From: w1aw@arrl.org  
Subject: ARLB076 New ITU Radiocommunication Director

SB QST @ ARL \$ARLB076  
ARLB076 New ITU Radiocommunication Director

ZCZC AG41  
QST de W1AW  
ARRL Bulletin 76 ARLB076

From ARRL Headquarters  
Newington CT September 30, 1994  
To all radio amateurs

SB QST ARL ARLB076  
ARLB076 New ITU Radiocommunication Director

At the ITU Plenipotentiary Conference in Kyoto, Japan, on September 30, the International Telecommunication Union elected Canadian radio amateur Robert W. Jones, VE3CTM, to replace retiring Richard C. Kirby, W0LCT, as Director of its Radiocommunication Bureau.

Jones, 50, of Ottawa, is currently the Director General of the Radio Regulatory Branch, under Industry and Science Canada, which regulates amateur and other radio services. His work with the ITU began in 1975 in preparation for the 1977 and 1979 World Administrative Radio Conferences. From 1981 to 1983 he was director of a project to automate ITU frequency records. He has since served and headed Canadian delegations to numerous ITU conferences and working groups. He holds Master of Applied Science and Master of Business Administration degrees, and attributes his professional interest in radiocommunication to having become a licensed radio amateur as a teenager in 1959.

NNNN

/EX

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Date: Fri, 30 Sep 1994 17:47:49 EDT  
From: w1aw@arrl.org  
Subject: ARLP040 Propagation de KT7H

SB PROP @ ARL \$ARLP040  
ARLP040 Propagation de KT7H

ZCZC AP54  
QST de W1AW  
Propagation Forecast Bulletin 40 ARLP040  
From Tad Cook, KT7H  
Seattle, WA September 30, 1994  
To all radio amateurs

SB PROP ARL ARLP040  
ARLP040 Propagation de KT7H

Average solar flux was up by only a few points last week. Geomagnetic indices have also risen a bit, signaling some instability. Very low levels of solar activity should continue,

with a recurring coronal hole causing active geomagnetic conditions around October 4 or 5. Solar flux should rise to about 85 after the first of the month, and then drop back to around 70 by October 17.

Sunspot Numbers for September 22 through 28 were 15, 17, 20, 35, 43, 36 and 35, with a mean of 28.7. 10.7 cm flux was 70.7, 71.4, 72.8, 76.2, 77, 74.7 and 74, with a mean of 73.8.

The path projection for this week is from Togo (5V) and Norfolk, Virginia.

80 meters looks good from 2230 to 0600z, peaking around 0030 to 0500. 40 meters should be open from 2130 to 0700, and 30 meters from 2030 to 0400, with 30 meters open as late as 0700 on many days. 20 meters should be open from 1700 to 0000, peaking toward the end of the period. Check 17 meters from 1330 to 2200, and 15 meters from 1500 to 2000. 12 meters may be open on some days from 1530 to 2000. 10 meters does not look promising, but on rare occasions it may be open some time between 1500 and 2100.

NNNN

/EX

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Date: 30 Sep 1994 20:50:37 -0700  
From: hbs@crl.com (Henry B. Smith)  
Subject: Courtesy In Amateur Radio

ron miller (ron@fc.hp.com) wrote:

: ... Stuff deleted ...

:

: I've had more fun on HF since I've learned CW at 20+ WPM. I gave up on  
: SSB about the time I started it 23 years ago. Couldn't put up  
: big beams or afford high power at age 14.

Come on Ron, dont scare everybody off with this 20+ WPM stuff :-}

Folks, if you are tired of the same old drill on HF SSB and you are willing to try a challenge, come down to the CW part of the band and listen.

It's not all at 20+ WPM, there's probably plenty of QSO's at exactly your speed somewhere down there.

The folks are friendly and they dont blow you off just becuz they dont know you.

Been there, done it, like it,

Smitty, NA5K

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Henry Smith (hbs@crl.com)

-----  
Date: Fri, 30 Sep 94 13:49:51 MDT  
From: oler@ultrix.uleth.ca (Cary Oler)  
Subject: Daily Summary of Solar Geophysical Activity for 29 September

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

29 SEPTEMBER, 1994

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 29 SEPTEMBER, 1994

-----  
!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 272, 09/29/94  
10.7 FLUX=074.7 90-AVG=079 SSN=024 BKI=3131 1110 BAI=005  
BGND-XRAY=A2.6 FLU1=2.2E+05 FLU10=1.4E+04 PKI=2232 1111 PAI=007  
BOU-DEV=026,008,025,009,008,008,006,003 DEV-AVG=011 NT SWF=00:000  
XRAY-MAX= B4.0 @ 0132UT XRAY-MIN= A2.1 @ 2101UT XRAY-AVG= A4.4  
NEUTN-MAX= +003% @ 1605UT NEUTN-MIN= -001% @ 2335UT NEUTN-AVG= +0.6%  
PCA-MAX= +0.2DB @ 1420UT PCA-MIN= -0.2DB @ 2140UT PCA-AVG= +0.0DB  
BOUTF-MAX=55208NT @ 2229UT BOUTF-MIN=55191NT @ 1646UT BOUTF-AVG=55202NT  
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+069,+000,+000  
GOES6-MAX=P:+120NT@ 2051UT GOES6-MIN=N:-014NT@ 1646UT G6-AVG=+098,+021,+003  
FLUXFCST=STD:075,077,078;SESC:075,077,078 BAI/PAI-FCST=005,005,010/010,010,015  
KFCST=2233 3111 2122 2212 27DAY-AP=006,005 27DAY-KP=3311 2111 2221 1111  
WARNINGS=  
ALERTS=  
!!END-DATA!!

NOTE: The Effective Sunspot Number for 28 SEP 94 is not available.  
The Full Kp Indices for 28 SEP 94 are: 4- 3o 4- 4o 2- 2- 2- 1o  
The 3-Hr Ap Indices for 28 SEP 94 are: 21 15 22 30 6 6 6 4  
Greater than 2 MeV Electron Fluence for 29 SEP is: 3.8E+07

SYNOPSIS OF ACTIVITY

-----  
Solar activity was very low. Three weak optically uncorrelated B-class events were reported this period. The largest of these was a B4 occurring at 29/0132UT. Region 7782 rotated around the limb. No other significant changes noted.

Solar activity forecast: solar activity is expected to be very low.

STD: Yohkoh x-ray imagery indicates another active region is approaching the east limb. It does not appear to be very large.

The geomagnetic field has been at quiet to unsettled levels for the past 24 hours. The greater than 2 MeV energetic electron flux has been mostly moderate for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be quiet to unsettled for the next three days.

Event probabilities 30 sep-02 oct

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 30 sep-02 oct

A. Middle Latitudes	
Active	10/10/15
Minor Storm	05/05/05
Major-Severe Storm	01/01/01
B. High Latitudes	
Active	15/10/15
Minor Storm	10/05/10
Major-Severe Storm	01/01/01

HF propagation conditions were near-normal over all regions. Near-normal conditions should continue over the next 72 hours, through 02 October inclusive.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 29/2400Z SEPTEMBER

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-----
NMBR LOCATION  LO  AREA  Z   LL   NN MAG TYPE
7781  S07W87  222  0030 CAO  05  003 BETA
7783  S07E32  103  0080 HSX  02  001 ALPHA
7782  N03W92  227                      PLAGE
REGIONS DUE TO RETURN 30 SEPTEMBER TO 02 OCTOBER
NMBR LAT    LO
NONE
  
```

LISTING OF SOLAR ENERGETIC EVENTS FOR 29 SEPTEMBER, 1994

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-----
BEGIN  MAX  END  RGN   LOC   XRAY  OP 245MHZ 10CM  SWEEP
NONE
  
```

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 29 SEPTEMBER, 1994

```

-----
BEGIN          MAX          END          LOCATION  TYPE  SIZE  DUR  II IV
NO EVENTS OBSERVED
  
```

INFERRED CORONAL HOLES. LOCATIONS VALID AT 29/2400Z

```

-----
ISOLATED HOLES AND POLAR EXTENSIONS
EAST  SOUTH WEST  NORTH CAR TYPE POL AREA  OBSN
NO DATA AVAILABLE FOR ANALYSIS
  
```

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

```

-----
Date   Begin  Max   End  Xray  Op Region  Locn      2695 MHz  8800 MHz  15.4 GHz
-----
28 Sep: 2217  2228  2239  B2.6
  
```

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

```

-----
              C   M   X       S   1   2   3   4   Total   (%)
              --  --  --       --  --  --  --  --  ---  -----
Uncorrelated: 0   0   0       0   0   0   0   0   001   (100.0)
  
```

Total Events: 001 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

-----  
Date    Begin    Max    End    Xray    Op Region    Locn    Sweeps/Optical Observations  
-----  
NO EVENTS OBSERVED.

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II            = Type II Sweep Frequency Event  
III           = Type III Sweep  
IV            = Type IV Sweep  
V             = Type V Sweep  
Continuum    = Continuum Radio Event  
Loop          = Loop Prominence System,  
Spray         = Limb Spray,  
Surge         = Bright Limb Surge,  
EPL           = Eruptive Prominence on the Limb.

\*\* End of Daily Report \*\*

-----  
Date: Fri, 30 Sep 1994 23:25:43 GMT  
From: rwc@flare.syd.ips.oz.au (Regional Warning Centre)  
Subject: IPS Daily Report - 30 September 94

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT  
ISSUED AT 30/2330Z SEPTEMBER 1994 BY IPS RADIO AND SPACE SERVICES  
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.  
SUMMARY FOR 30 SEPTEMBER AND FORECAST FOR 01 OCTOBER - 03 OCTOBER  
-----

1A. SOLAR SUMMARY  
Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 74/11



GOES satellite data for 29 Sep

Daily Proton Fluence >1 MeV: 2.2E+05

Daily Proton Fluence >10 MeV: 1.4E+04

Daily Electron Fluence >2 MeV: 3.8E+07 (normal)

X-ray background: A2.6

Fluence (flux accumulation over 24hrs)/ cm2-ster-day.

#### 1B. SOLAR FORECAST

	01 Oct	02 Oct	03 Oct
Activity	Very low	Very low	Very low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number for 01 Oct: 75/13

#### 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet

Estimated Indices :	A	K	Observed A Index 29 Sep
Learmonth	4	2122 1111	
Fredericksburg	5		7
Planetary	5		7

Observed Kp for 29 Sep: 2232 1111

#### 2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
01 Oct	8	Quiet
02 Oct	8	Quiet
03 Oct	8	Quiet to unsettled

COMMENT: Minor storm levels are expected 4-5 October due to coronal hole.

#### 3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
30 Sep	normal	normal	normal

PCA Event : None.

#### 3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
01 Oct	normal	normal	fair
02 Oct	normal	normal	fair
03 Oct	normal	normal	fair

COMMENT: HF Comms are expected to be degraded during interval 5-6 October, particularly at high lats.

#### 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

Observed  
DATE T-index MUFs at Sydney  
30 Sep 25 near predicted monthly values

Predicted Monthly T-index for September: 20

#### 4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE T-index MUFs  
01 Oct 25 Near predicted monthly values  
02 Oct 25 Near predicted monthly values  
03 Oct 25 Near predicted monthly values  
COMMENT: Degraded HF comms expected 5-6 October due to anticipated coronal hole induced disturbance. Ionospheric response to anticipated magnetic activity may be stronger during this rotation due to change of season.

--  
IPS Regional Warning Centre, Sydney |IPS Radio and Space Services  
RWC Duty Forecaster tel: +61 2 4148329 |PO Box 5606  
Recorded Message tel: +61 2 4148330 |West Chatswood NSW 2057  
email: rwc@ips.oz.au fax: +61 2 4148331 |AUSTRALIA

-----  
Date: 1 Oct 1994 12:21:08 GMT  
From: brian@nothing.ucsd.edu (Brian Kantor)  
Subject: Radio Shack Violation

brian.parker@pcappbbs.com (Brian Parker) writes:  
Just to be curious I went back to the same store. There  
>was a different salesman and I was still able to key the unit.

So, did you identify the transmission you made?

Did you have permission to operate the station in the store?

- Brian

-----  
Date: 30 Sep 1994 11:31:55 -0400  
From: jeffp@access1.digex.net (Jeff Poretsky)  
Subject: Radio Shack Violation

horak@convex.com (David Horak) writes:

>In <9409300400112135@pcappbbs.com> brian.parker@pcappbbs.com (Brian Parker)  
writes:

>David

And I expect it will take me even less time to dis-engage the lockout when my license finally arrives :) (4 weeks and counting)

JeffP

?3???

In article <jukka.780927532@clinet.fi> jukka@clinet.fi (Jukka Salomaa) writes:

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>I got many replies for my inquiry about ham shops in NYC and Boston area.
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>Thank's for you all! Here's the summary:

>

>New York's best ham shop is Ham Radio Outlet, Los Angeles, Ca.

I'd have to disagree. Certainly, Manhattan's best ham shop is Ham Radio Outlet, Salem, NH! These guys aren't only nice, they're knowledgeable and helpful. I've had them call me back after placing an order just to tell me that one item is backordered...

```

- /---Clay Irving-(N2VKG)-----/---\---/---\---/---\---/---\---/---\---/---\---
  clay@panix.com
  New York, New York

```

Date: 30 Sep 1994 20:31:28 -0700  
From: hbs@crl.com (Henry B. Smith)  
Subject: The Hamblaster

WILLC0788 (willco788@aol.com) wrote:

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: Roger Clark at      rjc@crosfield.co.uk  tried to get in touch with me about
: the Hamblaster.    For some reason I was unable to return his E-mail.
```

: I hope that he sees message this and replies via E-mail at my address.

: Jack Albert

: WA9FVP

So what's happened to the hamblaster. It was such a big deal at one time, There was a mail list about it but the list went silent. Even saw a piece in QST about it.

Where is it now?

--

Henry Smith (hbs@crl.com)

-----

Date: Fri, 30 Sep 1994 05:46:15 GMT  
From: linley@netcom.com (Bruce James Robert Linley)  
Subject: What does all call signs have been issued?

In ye olden post i9261739@wsuaix.csc.wsu.edu (Mike Wallendahl) spake...  
>It means that you will get a Novice class license instead, if I am  
>correct. I am a Tech No Code but carry a Novice license because all the  
>Tech licenses for group 7 have been issued.

True, but all the call signs aren't really used up. A lot of them have long since expired, yet the FCC isn't recycling them. Not sure why, though.

--

Bruce James Robert Linley  
KE6EQZ

Left Brain ----> linley@netcom.com  
Right Brain ---> linley1@aol.com

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Date: 30 Sep 1994 17:04:03 GMT  
From: forbes@intac.com (Thom Forbes)  
Subject: Yaesu 5200- How do u like?

In article <Cwwwvx7.Ar6@srgenprp.sr.hp.com>, bsplaine@dogxray.sr.hp.com (Bill Splaine) says:

>

>I am interested in buying a FT5200 for my motorcycle.... I am looking for  
>a bullet proof 2/70cm with a detachable face that can operate Xband Repeat.

>

>Don't need many memories... ~20/band would be more than enough....



: >transmitting, i.e. low SWR) are OK. Also, since your station is not intended

: This is NOT correct. Any judge I know would laugh you out of the courtroom,  
: or maybe fine you and your attorney for wasting the court's time. The intent  
: of the provision is clear, little loopholes are not respected in real  
: courtrooms I have visited (though if you believe that the media always gets  
: its facts straight, you would have a different picture :-)  
: Again, nonsense. Complete nonsense as far as real life attorneys and  
: judges that I have met. Your point about money for them is well taken,  
: however, you had better have a good argument if you are about to take  
: the time, money and effort to invest in such a thing. I wouldn't take  
: this direction suggested, it is a waste of time.  
: Again, please make "reasonable" interpretations and statements when you  
: represent ham radio to people who don't know us. These silly attempts  
: to use technicalities, if used in public, will put all of ham radio in  
: a very bad light as far as the public is concerned. We need mature,  
: reasoned approaches to the problems that face us.

So there's no room for a poorly written rule to be challenged where the intent is not so clear? My reading of that rule's intent is to preclude antennas that challenge cable's monopoly, not limit other radio services (such as cellular phones, ham radio, etc.) I think a well reasoned challenge to this rule would be a boost to hams and possibly the community by showing how hams can help out in times of emergency. My neighbors know who to come to when they've got loved ones they want to contact in a disaster area!!!

: Admitted to practice law in California, Massachusetts, and New York.

^^^^^^ Don't be ashamed of it, somebody has to do it!!!! 8-)

--

David Tiller	Network Administrator	Voice: (804) 752-3710
dtiller@rmc.edu   n2kau/4	Randolph-Macon College	Fax: (804) 752-7231
"Drunk, [Beowulf] slew no	P.O. Box 5005	ICBM: 37d 42' 43.75" N
hearth companions."	Ashland, Va 23005	77d 31' 32.19" W

-----

Date: 30 Sep 94 16:25:27 -0800  
From: harrisok@vax.sonoma.edu

References<1994Sep30.172734.23514@news.csuohio.edu>  
<lestrade.780958492@Ra.MsState.Edu>, <30SEP199417102389@elroy.uh.edu>  
Subject: Re: Radio Shack Violation

In article <30SEP199417102389@elroy.uh.edu>, n5ljv@uh.edu (Brad Killebrew N5LJV) writes:

> I think it might be a good idea that the TX STOP function come ENABLED  
> from the factory. Then, the customer should learn how to DISABLE it before

> they can talk on the radio. What do you think?

Could this be a way to put the individuals responsibility to follow the rules on someone else? I don't think this would be such a hot OR effect idea. I do see your point that making a customer READ the manual will increase the odds that they will read they must have a license before transmitting. This will in no way stop the person who is intent on transmitting illegally, only slow him down a minute or two. It WOULD make the employees at RS very irritated at the customers who would (no doubt!) be returning their "defective" radios!

This reminds me of a couple of funny posts on USENET by amateur(s) waiting for their license to arrive. It seems they have the radios all ready to go but have decided that they can't trust themselves enough not to transmit, so they have enabled the TX Stop. Ha! Go figure... again...

Ken

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-----
| Ken Harrison          | Moosehead: Great beer! |
| N6MHG                |                          |
| harrisok@sonoma.edu  | ...and a new experience for the moose! |
|                      |                          |
|-----|
```

-----  
Date: 30 Sep 94 16:09:56 -0800  
From: harrisok@vax.sonoma.edu

References<9409300400112135@pcappbbs.com>  
<1994Sep30.172734.23514@news.csuohio.edu>, <lestrade.780958492@Ra.MsState.Edu>  
Subject: Re: Radio Shack Violation

In article <lestrade.780958492@Ra.MsState.Edu>, lestrade@Ra.MsState.Edu (John Patrick Lestrade) writes:

> Is it any more of a 'violation' for someone to pick up an ht on the rs  
> counter and 'kerchunk' a repeater as it is for someone who does NOT have  
> a driver's license to start the engine of a car in a showroom?

Yes, because the starting of the engine of a car is more comparable to turning the HT on. The actual transmitting with the HT and "kerchunking" a repeater is analogous to "driving" the car. Of course, no license, not legal.

My question, however, is why would Radio Shack be the responsible party? Isn't the person who makes the actual transmission the responsible party? Maybe this is another example of those in our society not wanting to take responsibility for themselves...

> If a tree falls in the forest...:-)

hm. smells like dog poop... ;-)

Ken

--

Ken Harrison		Moosehead: Great beer!	
N6MHG			
harrisok@sonoma.edu		...and a new experience for the moose!	

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End of Info-Hams Digest V94 #1082

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